

ABSTRACT

The nonwoven fabric production process of the invention comprises a laminating step in which composite yarn, obtained by bundling a plurality of resin single filaments each having a core-sheath structure with a filamentous core resin surrounded by a sheath resin with a melting point of at least 20°C lower than the core resin and fusing the sheath resin together, is laminated in at least the three directions of warp direction, slant direction and reverse slant direction, and a bonding step of heating the laminated filament bundles at a temperature lower than the melting point of the core resin and higher than the melting point of the sheath resin for bonding. According to the invention, it is possible to provide a nonwoven fabric production process and nonwoven fabrics with excellent plasticity and shape following property, as well as adjustable strength for adaptation to different purposes and required properties.